

## ABSTRACT OF THE DISCLOSURE

A multifunctional photoelectric switch comprises a display section for displaying a first display information and a second display information. The first display information includes a plurality of items concerning a threshold value and the second display information includes a plurality of items concerning functions of the photoelectric switch. A switch is provided for switching information to be displayed on the display section between each type of display information. A selection menu for the user to select either "Easy" or "Pro" is displayed in the progress of making a transition from a "light reception amount and/or threshold value display" mode of the basic display information to an "operation function setting" mode of the second display information. The user selects and sets either "Easy" or "Pro" on the selection screen. In the "Pro" mode, the set items concerning all functions are displayed; in the "Easy" mode, only the basic items are displayed.